

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 091893, 878 B  
Source: IFW16  
Date Processed by STIC: 4-21-05

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



IFW16

## RAW SEQUENCE LISTING

DATE: 04/21/2005

PATENT APPLICATION: US/09/893,878B

TIME: 12:10:18

Input Set : A:\D061770002US10sequence%20listing.txt

Output Set: N:\CRF4\04212005\I893878B.raw

3 <110> APPLICANT: Ladner, Robert Charles  
 4 Guterman, Sonia Kosow  
 5 Roberts, Bruce Lindsay  
 6 Markland, William  
 7 Ley, Arthur Charles  
 8 Kent, Rachel Baribault  
 10 <120> TITLE OF INVENTION: DIRECTED EVOLUTION OF NOVEL BINDING PROTEINS  
 12 <130> FILE REFERENCE: D0617.70002US10  
 14 <140> CURRENT APPLICATION NUMBER: 09/893,878B  
 15 <141> CURRENT FILING DATE: 2001-06-29  
 17 <150> PRIOR APPLICATION NUMBER: 08/993,776  
 18 <151> PRIOR FILING DATE: 1997-12-18  
 20 <150> PRIOR APPLICATION NUMBER: 08/415,922  
 21 <151> PRIOR FILING DATE: 1995-04-03  
 23 <150> PRIOR APPLICATION NUMBER: 08/009,319  
 24 <151> PRIOR FILING DATE: 1993-01-26  
 26 <150> PRIOR APPLICATION NUMBER: 07/664,989  
 27 <151> PRIOR FILING DATE: 1991-03-01  
 29 <150> PRIOR APPLICATION NUMBER: 07/487,063  
 30 <151> PRIOR FILING DATE: 1990-03-02  
 32 <150> PRIOR APPLICATION NUMBER: 07/240,160  
 33 <151> PRIOR FILING DATE: 1988-09-02  
 35 <160> NUMBER OF SEQ ID NOS: 304  
 37 <170> SOFTWARE: PatentIn version 3.3  
 39 <210> SEQ ID NO: 1  
 40 <211> LENGTH: 28  
 41 <212> TYPE: PRT  
 42 <213> ORGANISM: Artificial sequence  
 44 <220> FEATURE:  
 45 <223> OTHER INFORMATION: synthetic peptide  
 47 <220> FEATURE:  
 48 <221> NAME/KEY: misc\_feature  
 49 <222> LOCATION: (2)..(2)  
 50 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 52 <220> FEATURE:  
 53 <221> NAME/KEY: misc\_feature  
 54 <222> LOCATION: (4)..(5)  
 55 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 57 <220> FEATURE:  
 58 <221> NAME/KEY: misc\_feature  
 59 <222> LOCATION: (7)..(9)  
 60 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 62 <220> FEATURE:

(ps.6-7)

Does Not Comply  
Corrected Diskette Needed

(ps.3-4) ↗

## RAW SEQUENCE LISTING

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Input Set : A:\D061770002US10sequence%20listing.txt

Output Set: N:\CRF4\04212005\I893878B.raw

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63 <221> NAME/KEY: misc_feature
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65 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
67 <220> FEATURE:
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69 <222> LOCATION: (17)..(18)
70 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
72 <220> FEATURE:
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74 <222> LOCATION: (20)..(22)
75 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
77 <220> FEATURE:
78 <221> NAME/KEY: misc_feature
79 <222> LOCATION: (24)..(28)
80 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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      85 1             5             10             15
      88 Xaa Xaa His Xaa Xaa Xaa His Xaa Xaa Xaa Xaa Xaa
      89             20             25
92 <210> SEQ ID NO: 2
93 <211> LENGTH: 28
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial sequence
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103 <222> LOCATION: (2)..(2)
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108 <222> LOCATION: (4)..(5)
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113 <222> LOCATION: (7)..(9)
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116 <220> FEATURE:
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119 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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123 <222> LOCATION: (17)..(18)
124 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
126 <220> FEATURE:
127 <221> NAME/KEY: misc_feature
128 <222> LOCATION: (20)..(22)

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## RAW SEQUENCE LISTING

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TIME: 12:10:18

Input Set : A:\D061770002US10sequence%20listing.txt

Output Set: N:\CRF4\04212005\I893878B.raw

129 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 131 <220> FEATURE:  
 132 <221> NAME/KEY: misc\_feature  
 133 <222> LOCATION: (24)..(28)  
 134 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 136 <400> SEQUENCE: 2  
 W--> 138 Tyr Xaa Cys Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa Xaa Leu  
 139 1 5 10 15  
 142 Xaa Xaa His Xaa Xaa Xaa His Xaa Xaa Xaa Xaa Xaa  
 143 20 25  
 146 <210> SEQ ID NO: 3  
 147 <211> LENGTH: 29  
 148 <212> TYPE: PRT  
 149 <213> ORGANISM: Artificial sequence  
 151 <220> FEATURE:  
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 155 <220> FEATURE:  
 156 <221> NAME/KEY: misc\_feature  
 157 <222> LOCATION: (2)..(2)  
 158 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
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 161 <221> NAME/KEY: misc\_feature  
 162 <222> LOCATION: (4)..(6)  
 163 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 165 <220> FEATURE:  
 166 <221> NAME/KEY: misc\_feature  
 167 <222> LOCATION: (8)..(10)  
 168 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 170 <220> FEATURE:  
 171 <221> NAME/KEY: misc\_feature  
 172 <222> LOCATION: (12)..(16)  
 173 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 175 <220> FEATURE:  
 176 <221> NAME/KEY: misc\_feature  
 177 <222> LOCATION: (18)..(19)  
 178 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 180 <220> FEATURE:  
 181 <221> NAME/KEY: misc\_feature  
 182 <222> LOCATION: (21)..(23)  
 183 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 185 <220> FEATURE:  
 186 <221> NAME/KEY: misc\_feature  
 187 <222> LOCATION: (24)..(28)  
 188 <223> OTHER INFORMATION: where Xaa can be any naturally occurring amino acid  
 190 <220> FEATURE:  
 191 <221> NAME/KEY: misc\_feature  
 192 <222> LOCATION: (29)..(29)  
 193 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 195 <400> SEQUENCE: 3

*This is at this location. See  
 error  
 explanation  
 on p. 4.*

## RAW SEQUENCE LISTING

DATE: 04/21/2005

PATENT APPLICATION: US/09/893,878B

TIME: 12:10:18

Input Set : A:\D061770002US10sequence%20listing.txt

Output Set: N:\CRF4\04212005\I893878B.raw

W--> 197 Phe Xaa Cys Xaa Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa Xaa  
 198 1 5 10 15  
 201 Leu Xaa Xaa His Xaa Xaa Xaa His Xaa Xaa Xaa Xaa Xaa  
 202 20 25  
 205 <210> SEQ ID NO: 4  
 206 <211> LENGTH: 29  
 207 <212> TYPE: PRT  
 208 <213> ORGANISM: Artificial sequence  
 210 <220> FEATURE:  
 211 <223> OTHER INFORMATION: synthetic peptide  
 214 <220> FEATURE:  
 215 <221> NAME/KEY: misc\_feature  
 216 <222> LOCATION: (2)..(2)  
 217 <223> OTHER INFORMATION: where Xaa can be any naturally occurring amino acid  
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 220 <221> NAME/KEY: misc\_feature  
 221 <222> LOCATION: (4)..(6)  
 222 <223> OTHER INFORMATION: where Xaa can be any naturally occurring amino acid  
 224 <220> FEATURE:  
 225 <221> NAME/KEY: misc\_feature  
 226 <222> LOCATION: (8)..(10)  
 227 <223> OTHER INFORMATION: where Xaa can be any naturally occurring amino acid  
 229 <220> FEATURE:  
 230 <221> NAME/KEY: misc\_feature  
 231 <222> LOCATION: (12)..(16)  
 232 <223> OTHER INFORMATION: where Xaa can be any naturally occurring amino acid  
 234 <220> FEATURE:  
 235 <221> NAME/KEY: misc\_feature  
 236 <222> LOCATION: (18)..(19)  
 237 <223> OTHER INFORMATION: where Xaa can be any naturally occurring amino acid  
 239 <220> FEATURE:  
 240 <221> NAME/KEY: misc\_feature  
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 242 <223> OTHER INFORMATION: where Xaa can be any naturally occurring amino acid  
 244 <220> FEATURE:  
 245 <221> NAME/KEY: misc\_feature  
 246 <222> LOCATION: (25)..(29)  
 247 <223> OTHER INFORMATION: where Xaa can be any naturally occurring amino acid  
 249 <400> SEQUENCE: 4

W--> 251 Tyr Xaa Cys Xaa Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa Xaa  
 252 1 5 10 15  
 255 Leu Xaa Xaa His Xaa Xaa Xaa His Xaa Xaa Xaa Xaa Xaa  
 256 20 25  
 259 <210> SEQ ID NO: 5  
 260 <211> LENGTH: 30  
 261 <212> TYPE: PRT  
 262 <213> ORGANISM: Artificial sequence  
 264 <220> FEATURE:  
 265 <223> OTHER INFORMATION: synthetic peptide

There is no "Xaa" at this location.

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

## RAW SEQUENCE LISTING

DATE: 04/21/2005

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TIME: 12:10:18

Input Set : A:\D061770002US10sequence%20listing.txt

Output Set: N:\CRF4\04212005\I893878B.raw

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268 <220> FEATURE:
269 <221> NAME/KEY: misc_feature
270 <222> LOCATION: (2)..(2)
271 <223> OTHER INFORMATION: where Xaa can be any naturally occurring amino acid
273 <220> FEATURE:
274 <221> NAME/KEY: misc_feature
275 <222> LOCATION: (4)..(7)
276 <223> OTHER INFORMATION: where Xaa can be any naturally occurring amino acid
278 <220> FEATURE:
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280 <222> LOCATION: (9)..(11)
281 <223> OTHER INFORMATION: where Xaa can be any naturally occurring amino acid
283 <220> FEATURE:
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285 <222> LOCATION: (13)..(17)
286 <223> OTHER INFORMATION: where Xaa can be any naturally occurring amino acid
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290 <222> LOCATION: (13)..(17)
291 <223> OTHER INFORMATION: where Xaa can be any naturally occurring amino acid
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294 <221> NAME/KEY: misc_feature
295 <222> LOCATION: (19)..(20)
296 <223> OTHER INFORMATION: where Xaa can be any naturally occurring amino acid
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301 <223> OTHER INFORMATION: where Xaa can be any naturally occurring amino acid
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304 <221> NAME/KEY: misc_feature
305 <222> LOCATION: (26)..(30)
306 <223> OTHER INFORMATION: where Xaa can be any naturally occurring amino acid
308 <400> SEQUENCE: 5
W--> 310 Phe Xaa Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa
311 1 5 10 15
314 Xaa Leu Xaa Xaa His Xaa Xaa Xaa His Xaa Xaa Xaa Xaa Xaa
315 20 25 30
318 <210> SEQ ID NO: 6
319 <211> LENGTH: 30
320 <212> TYPE: PRT
321 <213> ORGANISM: Artificial sequence
323 <220> FEATURE:
324 <223> OTHER INFORMATION: synthetic peptide
327 <220> FEATURE:
328 <221> NAME/KEY: misc_feature
329 <222> LOCATION: (2)..(2)
330 <223> OTHER INFORMATION: where Xaa can be any naturally occurring amino acid
332 <220> FEATURE:
333 <221> NAME/KEY: misc_feature

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RAW SEQUENCE LISTING ERROR SUMMARY  
 PATENT APPLICATION: US/09/893,878B

DATE: 04/21/2005  
 TIME: 12:10:19

Input Set : A:\D061770002US10sequence%20listing.txt  
 Output Set: N:\CRF4\04212005\I893878B.raw

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2,4,5,6,7,8,9,11,12,13,14,15,17,18,20,21,22,24,25,26,27,28  
 Seq#:2; Xaa Pos. 2,4,5,6,7,8,9,11,12,13,14,15,17,18,20,21,22,24,25,26,27,28  
 Seq#:3; Xaa Pos. 2,4,5,6,8,9,10,12,13,14,15,16,18,19,21,22,23,25,26,27,28  
 Seq#:3; Xaa Pos. 29  
 Seq#:4; Xaa Pos. 2,4,5,6,8,9,10,12,13,14,15,16,18,19,21,22,23,25,26,27,28  
 Seq#:4; Xaa Pos. 29  
 Seq#:5; Xaa Pos. 2,4,5,6,7,8,9,10,11,13,14,15,16,17,19,20,22,23,24,26,27,28  
 Seq#:5; Xaa Pos. 29,30  
 Seq#:6; Xaa Pos. 2,4,5,6,7,9,10,11,13,14,15,16,17,19,20,22,23,24,26,27,28  
 Seq#:6; Xaa Pos. 29,30  
 Seq#:7; Xaa Pos. 1,3,4,5,6,8  
 Seq#:8; Xaa Pos. 3,5,6,7,8,10  
 Seq#:19; Xaa Pos. 1,2,4,5,6,7,9,10  
 Seq#:20; Xaa Pos. 1,4,5,6,8,9,10,11,12  
 Seq#:21; Xaa Pos. 1,2,5,6,7,9,10,11,12,13  
 Seq#:22; Xaa Pos. 1,4,5,6,8,9,10,11,12,14  
 Seq#:23; Xaa Pos. 1,2,5,6,7,9,10,11,12,13,15  
 Seq#:24; Xaa Pos. 1,4,5,6,8,9,10,11,12,14,15  
 Seq#:25; Xaa Pos. 1,2,5,6,7,9,10,11,12,13,15,16  
 Seq#:26; Xaa Pos. 1,4,5,6,8,9,10,11,12,14,15,16  
 Seq#:27; Xaa Pos. 1,2,5,6,7,9,10,11,12,13,15,16,17  
 Seq#:28; Xaa Pos. 1,4,5,6,8,9,10,11,12,14,15,16,17  
 Seq#:29; Xaa Pos. 1,2,5,6,7,9,10,11,12,13,15,16,17,18  
 Seq#:30; Xaa Pos. 1,4,5,6,8,9,10,11,12,14,15,16,17,18  
 Seq#:31; Xaa Pos. 1,2,5,6,7,9,10,11,12,13,15,16,17,18,19  
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 Seq#:34; Xaa Pos. 2,3,4,5,6,7,9,10,11,12,13,14,17,18,20,21,22,23  
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 Seq#:39; Xaa Pos. 2,3,4,5,6,7,9,10,11,12,13,14,17,18,19,21,22,23,24,25,26  
 Seq#:40; Xaa Pos. 5,6,7,8,9,10  
 Seq#:41; Xaa Pos. 5,6,7,8,9,10  
 Seq#:42; Xaa Pos. 4,6,7,8,9,10,11  
 Seq#:88; N Pos. 4,5,6,7,8  
 Seq#:106; N Pos. 6,9,12,15,18,21,24,27,30,33,36,39,42,45,48,51,54,60,63,66  
 Seq#:106; N Pos. 69,72,75,78,81,84,87,90,93,96,99,102,105,108,111,114,117  
 Seq#:106; N Pos. 120,123,126,129,132,135,138,141,144,147,150,153,156,159  
 Seq#:106; N Pos. 162,165,168,171,174,177,180,183,186,189,192,195,198,201  
 Seq#:106; N Pos. 204,207,210,213,216,219,222,228,231,234,237,240,243,246  
 Seq#:106; N Pos. 249,252,255,258,261,264,267,270,273,276,279,282,285,288  
 Seq#:106; N Pos. 291,294,297,300,303,306,309,312,315,318,324,330,333,336  
 Seq#:106; N Pos. 339,342,345,348,351,354,357,360,363,366,369,372,375,378

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 04/21/2005  
PATENT APPLICATION:    US/09/893,878B      TIME: 12:10:19

Input Set : A:\D061770002US10sequence%20listing.txt  
Output Set: N:\CRF4\04212005\I893878B.raw

Seq#:106; N Pos. 381,384,387,390,393,396,399,402  
Seq#:107; N Pos. 6,9,12,15,18,21,24,27,30,33,36,39,42,45,48,51,54,60,63,66  
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Seq#:107; N Pos. 162,165,168,171,174,177,180,183,186,189,192,195,198,201  
Seq#:107; N Pos. 204,207,210,213,216,219,222,228,231,234,237,240,243,246  
Seq#:107; N Pos. 249,252,255,258,261,264,267,270,273,276,279,282,285,288

Invalid Line Length

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:183; Line(s) 6450,6475,6482



## VERIFICATION SUMMARY

DATE: 04/21/2005

PATENT APPLICATION: US/09/893,878B

TIME: 12:10:19

Input Set : A:\D061770002US10sequence%20listing.txt

Output Set: N:\CRF4\04212005\I893878B.raw

L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
M:341 Repeated in SeqNo=1  
L:138 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
M:341 Repeated in SeqNo=2  
L:197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
M:341 Repeated in SeqNo=3  
L:251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
M:341 Repeated in SeqNo=4  
L:310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
M:341 Repeated in SeqNo=5  
L:364 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
M:341 Repeated in SeqNo=6  
L:398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:428 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:598 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0  
L:628 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0  
L:658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0  
L:693 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0  
L:728 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0  
L:763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0  
L:798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
L:833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0  
L:873 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0  
M:341 Repeated in SeqNo=27  
L:912 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0  
M:341 Repeated in SeqNo=28  
L:951 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0  
M:341 Repeated in SeqNo=29  
L:995 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0  
M:341 Repeated in SeqNo=30  
L:1034 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0  
M:341 Repeated in SeqNo=31  
L:1078 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0  
M:341 Repeated in SeqNo=32  
L:1140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0  
M:341 Repeated in SeqNo=34  
L:1179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0  
M:341 Repeated in SeqNo=35  
L:1218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0  
M:341 Repeated in SeqNo=36  
L:1257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0  
M:341 Repeated in SeqNo=37  
L:1296 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0  
M:341 Repeated in SeqNo=38  
L:1335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0  
M:341 Repeated in SeqNo=39  
L:1359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0  
L:1378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0

**VERIFICATION SUMMARY**

DATE: 04/21/2005

PATENT APPLICATION: US/09/893,878B

TIME: 12:10:19

Input Set : A:\D061770002US10sequence%20listing.txt

Output Set: N:\CRF4\04212005\I893878B.raw

L:1403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0

L:2568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88 after pos.:0